MDR-R10

SERVICE MANUAL

US Model
Canadian Model
AEP Model
E Model

SPECIFICATIONS

Type	Dynamic
Speaker unit	50mm diameter dome-type with bio-cellulose diaphragm
Impedance	40Ω
Pressure sensitivity	100dB/mW
Rated input	300mW
Maximum input	1,000mW
Frequency response	20 to 20,000Hz
Cord	3m(approx. 10ft.) long
Plug	Standard stereo plug
Weight	approx. 400g (approx. 14 oz.) without cord
Accessories	Hard case (1) Wiping cloth (1) Earphone/headphone cleaning tissue (1) Contact cleaning tissue (1) Manual (1)

Design and specifications subject to change without notice.

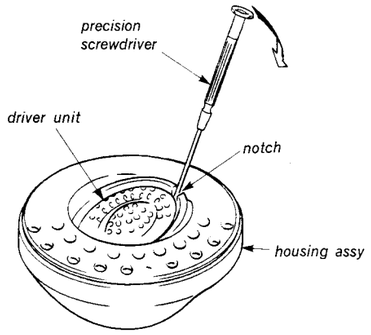
MICROFILM

STEREO HEADPHONES

SONY®

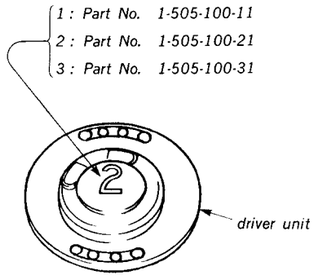
SECTION 1
DISASSEMBLY

1-1. DRIVER UNIT REMOVAL



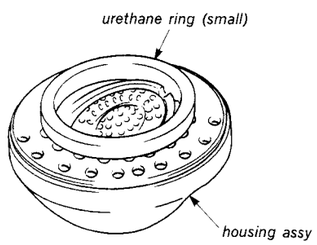
1-2. NOTE ON REPLACING DRIVER UNIT

One among 1, 2, or 3 is written on driver unit.
When replacing it, choose the driver unit with the same number.



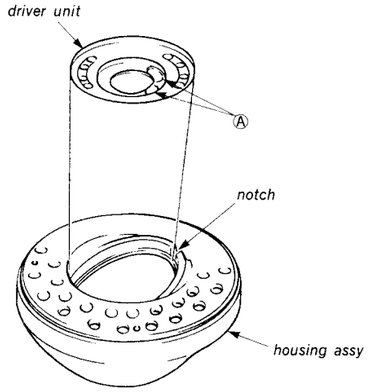
1-3. URETHANE RING (SMALL) INSTALLATION

Install urethane ring (small) so that it covers the holes of housing assy as illustrated.



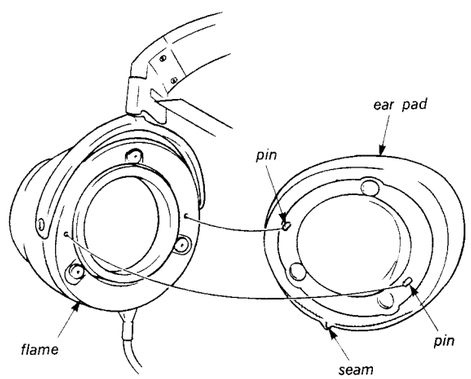
1-4. DRIVER UNIT INSTALLATION

Install driver unit turning portion Ⓐ of driver unit toward the notch of housing assy.



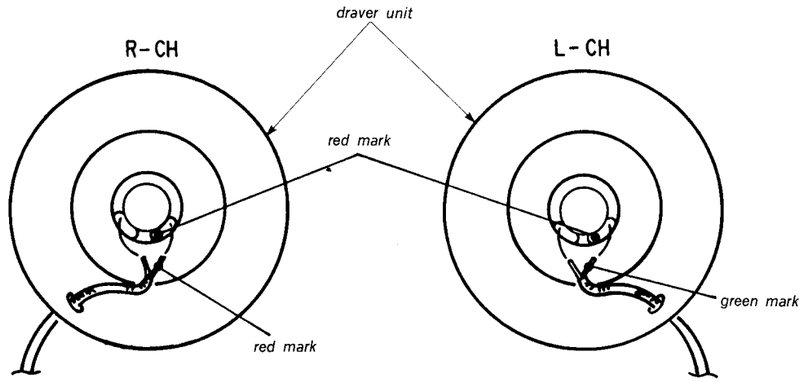
1-5. EAR PAD INSTALLATION

- Wipe the flame with alcohol.
- Put 2pins of ear pad into the holes of the flame as illustrated.



SECTION 2
DIAGRAM

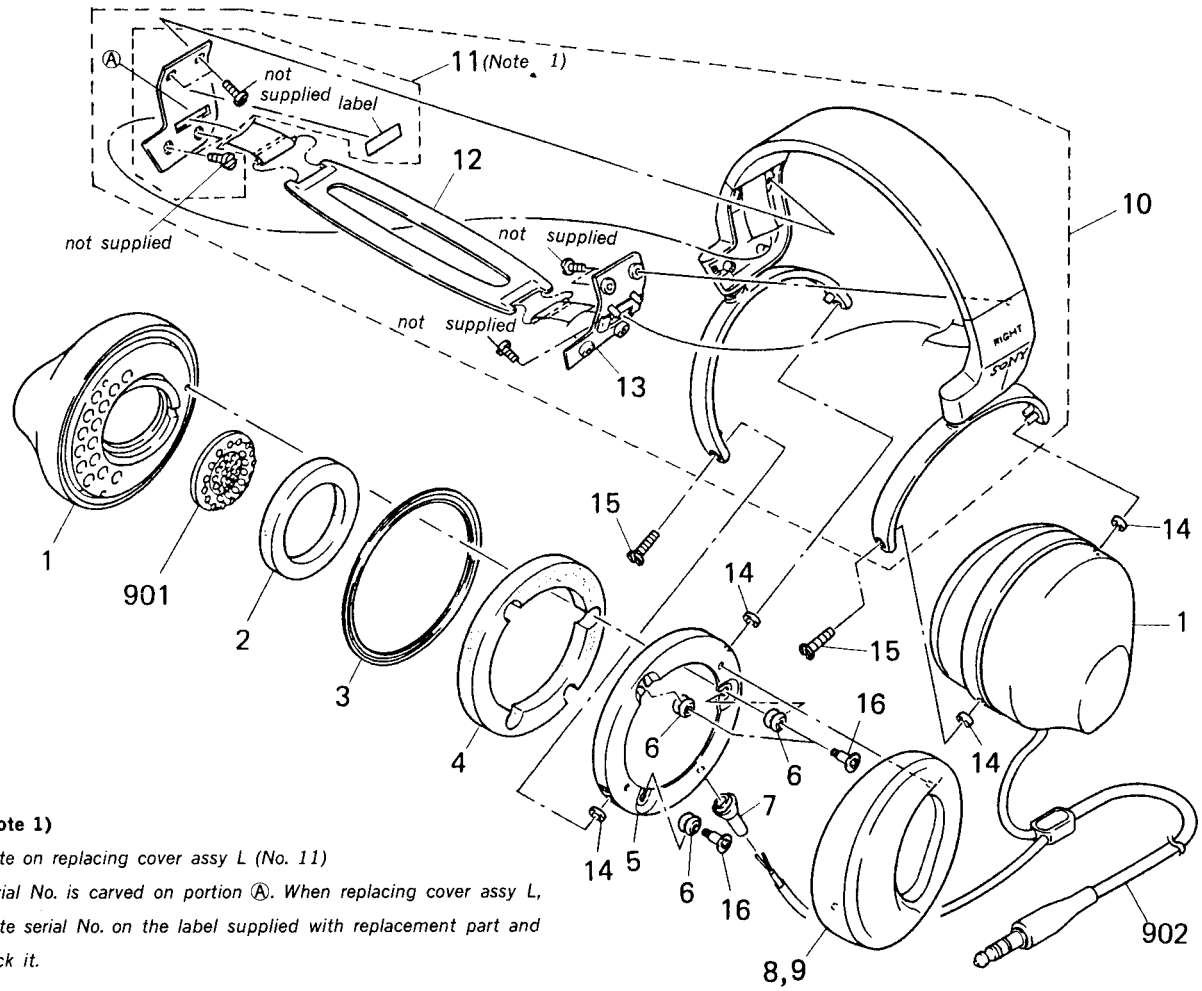
2-1. WIRING DIAGRAM



SECTION 3
EXPLODED VIEW AND PARTS LIST

NOTE:

- The mechanical parts with no reference number in the exploded views are not supplied.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked "★" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Due to standardization, parts with part number suffix -XX and -X may be different from the parts specified in the components used on the set.



(Note 1)

Note on replacing cover assy L (No. 11)

Serial No. is carved on portion Ⓐ. When replacing cover assy L, write serial No. on the label supplied with replacement part and stick it.

No.	Part No.	Description	Remarks
1	X-2356-312-1	HOUSING ASSY	
2	2-116-074-01	RING (SMALL), URETHANE	
3	2-116-052-01	SCREEN	
4	2-116-075-01	RING (LARGE), URETHANE	
5	2-116-061-01	FRAME	
6	4-908-755-11	INSULATOR (2001)	
7	2-116-054-01	BUSHING	
8	2-116-077-01	PAD (LEFT), EAR	
9	2-116-078-01	PAD (RIGHT), EAR	
10	X-2356-311-1	HEAD BAND ASSY	
11	X-2356-310-1	COVER ASSY L	
12	2-116-056-01	SUSPENDER	
13	X-2356-308-1	COVER ASSY (RIGHT)	
14	3-307-390-00	BUSHING, LOADING SPRING	
15	2-116-067-01	SHAFT (A) (FRAME)	
16	4-920-209-01	SCREW (INSULATOR), STEP	

No.	Part No.	Description
901	1-505-100-11	DRIVER UNIT (1)
	1-505-100-21	DRIVER UNIT (2)
	1-505-100-31	DRIVER UNIT (3)
902	1-574-583-11	CORD (WITH PLUG)

ACCESSORY & PACKING MATERIAL

	2-116-082-01	CASE
*	2-116-083-01	KEY
	3-750-242-11	(AEP).....MANUAL, INSTRUCTION (German)
	3-750-242-21	(US,E).....MANUAL, INSTRUCTION (English)
	3-750-242-31	(Canadian)...MANUAL, INSTRUCTION (English,French)
	3-750-242-41	(French).....MANUAL, INSTRUCTION (French)
	7-491-001-08	SILICA GEL (SH30GSP)

9-953-757-11

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